

#### **DETAILED ACTION**

1. This action is in response to the amendment filed on 06/24/2009.
2. Claim 1 has amended.
3. Claims 1, 3-17, 19-32 and 34-37 are pending for consideration.

#### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas M. Bonacci on 08/25/2009.

Claims 19 and 34 have been amended as follows:

Claim 19:

The method of claim 48 ~~12~~, wherein the first hash function is also a cryptographically secured hash function, and wherein the first and second hash functions are one of either hardware based or software based.

Claim 34:

The computer program product of claim ~~33~~ 29, wherein the first hash function is also a cryptographically secured hash function, and wherein the first and second hash functions are one of either hardware based or software based

***Response to Arguments***

5. Applicant's arguments filed on 06/24/2009, with respect to claims 1, 3-17, 19-32 and 34-37 have been fully considered and are persuasive. The rejection of claims 1, 3-17, 19-32 and 34-37 has been withdrawn.

***Allowable Subject Matter***

6. Claims 1, 3-17, 19-32 and 34-37 are allowed.

7. The following is an examiner's statement of reasons for allowance:

As noted above, the Examiner agrees with the Applicant's arguments filed on 02/10/2009 on pages 17-18 of the Remarks, that the prior art does not teach "a first hash table of verified remote entities, the first table for storing remote entities that have a confirmed connection identifier and a second hash table of unverified remote entities, the second table for storing remote entities that do not have a confirmed connection identifier; and a second hash function that is cryptographically secure, and especially when the second hash function has a lower probability than the first hash function of generating an identical hash for connection identifier information from more than one remote entity". The Examiner was unable to find a teaching, suggestion, or motivation

that would render the above limitations obvious. Claims 1, 3-17, 19-32 and 34-37 are, therefore, novel and not obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TRANG DOAN whose telephone number is (571)272-0740. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William R. Korzuch can be reached on (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Trang Doan/  
Examiner, Art Unit 2431

/Christopher A. Revak/  
Primary Examiner, Art Unit 2431